

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008412.D
 Acq On : 20 Apr 2022 12:39
 Operator : KP/MD
 Sample : VY0420SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 02:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	114042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51162	47.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.721	113	51780	46.923	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.840%		
50) Toluene-d8	10.178	98	170983	45.281	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.483	95	64870	45.675	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	15553	16.468	ug/l	92
3) Chloromethane	2.113	50	24961	19.993	ug/l	94
4) Vinyl Chloride	2.253	62	33012	20.319	ug/l	94
5) Bromomethane	2.643	94	32645	23.455	ug/l	94
6) Chloroethane	2.789	64	23788	20.905	ug/l	90
7) Trichlorofluoromethane	3.125	101	38865	20.104	ug/l	97
8) Diethyl Ether	3.527	74	13465	19.273	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.893	101	23556	18.759	ug/l	97
10) Methyl Iodide	4.088	142	21627	17.066	ug/l	90
11) Tert butyl alcohol	4.948	59	14282	124.709	ug/l	98
12) 1,1-Dichloroethene	3.875	96	21556	19.164	ug/l	82
13) Acrolein	3.734	56	4897	54.306	ug/l	96
14) Allyl chloride	4.478	41	27628	18.820	ug/l #	86
15) Acrylonitrile	5.167	53	33726	98.698	ug/l	97
16) Acetone	3.948	43	27689	107.466	ug/l #	84
17) Carbon Disulfide	4.192	76	52592	17.723	ug/l	98
18) Methyl Acetate	4.478	43	16631	23.331	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	67217	19.364	ug/l #	90
20) Methylene Chloride	4.716	84	30916	17.700	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	25136	18.651	ug/l #	77
22) Diisopropyl ether	6.118	45	68555	19.794	ug/l #	94
23) Vinyl Acetate	6.063	43	219342	97.740	ug/l #	90
24) 1,1-Dichloroethane	6.014	63	43483	19.559	ug/l	100
25) 2-Butanone	6.984	43	42892	106.462	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	40872	19.963	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	29841	18.662	ug/l	83
28) Bromochloromethane	7.337	49	15024	17.631	ug/l #	72
29) Tetrahydrofuran	7.350	42	26768	102.908	ug/l #	74
30) Chloroform	7.508	83	48888	19.694	ug/l	99
31) Cyclohexane	7.789	56	37044	19.124	ug/l #	79
32) 1,1,1-Trichloroethane	7.703	97	42955	19.781	ug/l	96
36) 1,1-Dichloropropene	7.917	75	35081	19.908	ug/l	97
37) Ethyl Acetate	7.075	43	18836	20.730	ug/l #	91
38) Carbon Tetrachloride	7.898	117	38139	20.118	ug/l	96
39) Methylcyclohexane	9.185	83	44130	19.464	ug/l #	85
40) Benzene	8.160	78	102503	19.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10719m	21.087	ug/l	
42) 1,2-Dichloroethane	8.240	62	30750	20.199	ug/l	90
43) Isopropyl Acetate	8.276	43	34756	20.611	ug/l #	87
44) Trichloroethene	8.941	130	29072	19.440	ug/l	95
45) 1,2-Dichloropropane	9.215	63	25431	19.839	ug/l #	88
46) Dibromomethane	9.307	93	16503	19.451	ug/l	94
47) Bromodichloromethane	9.496	83	38045	19.939	ug/l	99
48) Methyl methacrylate	9.294	41	14696	20.501	ug/l #	73
49) 1,4-Dioxane	9.300	88	4565	416.937	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	94738	108.800	ug/l #	85
52) Toluene	10.245	92	67891	19.637	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	38437	19.766	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	42535	19.389	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	23310	19.260	ug/l	97
56) Ethyl methacrylate	10.514	69	29319	19.759	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	38877	20.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	54895	93.922	ug/l	90
59) 2-Hexanone	10.831	43	65881	109.956	ug/l	83
60) Dibromochloromethane	10.983	129	28004	19.809	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22719	19.200	ug/l	100
64) Tetrachloroethene	10.721	164	24777	19.771	ug/l	98
65) Chlorobenzene	11.513	112	75303	19.529	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	28284	19.657	ug/l	96
67) Ethyl Benzene	11.593	91	131360	20.032	ug/l	99
68) m/p-Xylenes	11.702	106	101806	39.037	ug/l	94
69) o-Xylene	12.032	106	49170	19.429	ug/l	92
70) Styrene	12.044	104	81325	19.485	ug/l	95
71) Bromoform	12.208	173	16231	18.713	ug/l #	98
73) Isopropylbenzene	12.330	105	130980	20.572	ug/l	99
74) N-amyl acetate	12.141	43	30824	22.299	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.586	83	28606	21.234	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	22021m	23.251	ug/l	
77) Bromobenzene	12.611	156	29855	19.136	ug/l	96
78) n-propylbenzene	12.672	91	156263	20.799	ug/l	99
79) 2-Chlorotoluene	12.757	91	85835	20.358	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	106017	20.307	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8756	20.685	ug/l	86
82) 4-Chlorotoluene	12.855	91	89251	20.599	ug/l	96
83) tert-Butylbenzene	13.074	119	95329	20.354	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	104589	20.243	ug/l	98
85) sec-Butylbenzene	13.257	105	144275	20.778	ug/l	100
86) p-Isopropyltoluene	13.373	119	117717	20.316	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	59814	19.358	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	60357	19.736	ug/l	99
89) n-Butylbenzene	13.696	91	110505	21.108	ug/l	100
90) Hexachloroethane	13.964	117	22560	20.831	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	54371	19.778	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4188	21.727	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	30789	18.936	ug/l	99
94) Hexachlorobutadiene	15.110	225	16037	19.428	ug/l	96
95) Naphthalene	15.238	128	67604	19.410	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	27322	19.202	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

